



STAFF REPORT

AGENDA NO:

MEETING DATE: March 19, 2018

To: Honorable Mayor and City Council

Date: March 19, 2018

From: Syed Murtuza, Director of Public Works – (650) 558-7230

Subject: Adoption of Resolutions Awarding a Construction Contract to Redgwick Construction Co., for the California Drive Roundabout Project, City Project No. 83920, and Approving a Professional Services Agreement with Hanna Group for Construction Management Services Related to the Project

RECOMMENDATION

Staff recommends that the City Council adopt the following attached resolutions:

- (1) Awarding a construction contract to Redgwick Construction Co., for the California Drive Roundabout Project in the amount of \$2,968,082.50, and authorizing the City Manager to execute the same; and
- (2) Approving a professional services agreement with Hanna Group in the amount of \$498,570 for construction management services related to the project, and authorizing the City Manager to execute the agreement.

BACKGROUND

In the mid 2000s, staff performed a preliminary feasibility analysis of the six-legged intersection of California Drive at Bellevue Avenue and Lorton Avenue with complicated traffic circulation movements, and identified a traffic roundabout as a solution to address the challenges and conflicts of the current configuration. Over the last several years, the City conducted an extensive public outreach process to obtain input into the design of the project. The outreach included meetings with residents, potentially impacted property owners and tenants in the project area, and project stakeholders such as the Business Improvement Districts, Chamber of Commerce, and auto dealerships in the area. Additionally, the City hosted three community meetings that focused on educating the public regarding the project, and gathering community preferences on landscaping and design options. As a result, staff incorporated community input such as pedestrian, bicyclist, and motorist safety and circulation improvements into the project design. In addition, staff included green streets and complete streets concepts into the final design.

The project consists of constructing a traffic roundabout at the intersection of California Drive, Bellevue Avenue, and Lorton Avenue. The project goal is to implement traffic calming measures and safety improvements to facilitate safe access and improve traffic circulation for pedestrians, bicyclists, and motor vehicles. In addition to constructing the roundabout, the project scope

consists of installing new pavement surfacing on California Drive between Oak Grove Avenue and Burlingame Avenue, and on Bellevue Avenue and Lorton Avenue in the project vicinity. The project also includes construction of landscaping/green street infrastructure elements, storm drainage improvements and improved street lighting.

Due to the project proximity to the Burlingame Avenue downtown businesses, Auto Row, and the Burlingame Caltrain Station, the project construction will be done in multiple stages to minimize impacts to the community as best as possible, and maintain safe vehicular and pedestrian circulation in the area. The construction will consist of four stages:

- Stage 1: The Stage 1 work includes partial demolition of existing southbound lanes, and construction of new southbound lanes, landscaping area, and sidewalks fronting the businesses along California Drive. During this stage, the northbound and southbound lanes on California Drive will remain open to traffic; access to Lorton Avenue and Bellevue Avenue will be temporarily closed from California Drive, and a detour will be provided. Stage 1 work is estimated to last four to five months, with extended working hours between 7 am and 10 pm. The intent is to speed up the construction activities to minimize impacts to schools, residents, and businesses.
- Stage 2: The Stage 2 work includes demolition of existing center lanes and construction of new center lanes and landscaping areas. The work is estimated to last one to two months for this phase. During this stage, the northbound and southbound lanes on California will remain open to the public. Access to Lorton Avenue and Bellevue Avenue from California Drive will be restored.
- Stage 3: The Stage 3 work includes demolition of existing northbound lanes and construction of new northbound lanes and landscaping areas on California Drive. A portion of roadway and sidewalk fronting Lorton Avenue and Bellevue Avenue will be closed. The work is estimated to last two to three months. During this stage, the southbound lanes and one northbound lane on California Drive will remain open to the public.
- Stage 4: During Stage 4, California Drive between Oak Grove Avenue and Burlingame Avenue will be repaired and resurfaced. Additionally, miscellaneous work related to green infrastructure, drainage, utilities, and signage and striping will be done. The work is estimated to last one to two months.

It should be noted that the above time frames and details of construction staging are approximate and tentative, and more information will be made available after the award of the contract. Staff will conduct outreach to the residents, businesses, and other stakeholders in the area to provide project information and address their concerns. In addition, staff will regularly update the public through articles in the City eNews and on the website to provide the latest project information. Staff will coordinate with the Police Department to develop educational materials and graphics to educate the public regarding how to navigate through the roundabout.

The construction is anticipated to start in May 2018 and is tentatively scheduled to be completed by January 2019, barring no delays.

DISCUSSION

Construction Contract

The project was advertised for bids on January 3, 2018. The sealed bids were opened on February 21, 2018, and five bid proposals were received ranging from \$2,968,082.50 to \$3,584,082.00. Redgwick Construction Co. is the lowest responsible bidder with its bid amount of \$2,968,082.50, which is approximately 1.5% below the engineer's estimate of \$3,014,305.00. Staff has reviewed the proposal from Redgwick Construction Co., and finds that the contractor has met all the project requirements, and has a past history of performing similar work successfully for other agencies. As a result, staff recommends that the City Council award the project to Redgwick Construction Co., and authorize the City Manager to execute the construction contract.

Professional Services Contract

In November 2017, staff issued a Request for Proposals (RFP) for construction management and inspection services for this project. In response to the RFP, the City received a proposal from Hanna Group. Staff reviewed Hanna Group's proposal, and determined that the firm is well qualified to perform the work based on their experience and knowledge of construction management of similar projects. Staff has negotiated the following scope of professional services with Hanna Group in the amount of \$498,570. The scope of work includes:

- Review, process, and approve pre-construction project drawings and submittals;
- Attend and manage pre-construction meetings between the City and Contractor;
- Review and advise the City on Contractor's overall and weekly construction schedule;
- Perform daily construction inspection and provide construction management services for 170 construction working days;
- Prepare daily written construction reports and photographic records of the project;
- Provide public outreach and respond to inquiries/issues from the public and local businesses;
- Attend weekly construction progress meetings, perform necessary field engineering work, and perform independent quality assurance assessments;
- Perform Construction Testing and Quality Assurance;
- Perform project close out inspections and develop final punch list;
- Review and respond to requests for information and requests for contract change orders; and process construction progress payments;
- Negotiate claims, liquidated damages, and final payment; and
- Prepare final project recording drawings.

The professional services fee amount represents approximately 16.8% of the construction cost. The fee amount is reasonable and consistent with industry standards for construction management, inspection as well as construction material testing and quality assurance services based on the scope and complexity of the project involving various stages of construction for maintaining traffic

circulation and safety, as well as performing public outreach to the stake holders during the construction.

FISCAL IMPACT

Estimated Project Expenditures

The following are the estimated project construction expenditures:

• Construction Contract	\$2,968,083
• Construction Management and Inspection	\$498,570
• Construction Engineering Support	\$82,582
• Contingency 15%	\$532,386
• Contract Administration	\$218,379
Total	\$4,300,000

The project is funded by a combination of Measure A Grant, Gas Tax, and Measure A Local Streets & Roads, General Fund, and Storm Drain Fee as follows:

• CIP 329-83920 - California Drive Roundabout (Gas Tax, Measure A Grant)	\$2,800,000
• CIP 329-85080 - Annual Resurfacing (Gas Tax, Local Streets and Roads-Measure A)	\$ 650,000
• CIP 329-83090 - Streetlight Improvements (General Fund)	\$ 330,000
• FY 2018-19 CIP Water quality Improvements (Storm Drain Fee)	\$ 520,000
Total	\$4,300,000

Exhibits:

- Resolution Awarding the Construction Contract
- Resolution Approving the Professional Services Agreement
- Bid Summary
- Construction Contract
- Professional Services Agreement
- Project Location Map